AWIPS II Topic of the Week -- Micro-Engine

All:

One of the most important ways that local application developers will interact with the AWIPS II infrastructure is through something called the Micro-Engine (a.k.a. the uEngine). The uEngine is an interpreter that's embedded in EDEX. This interpreter is unusual in that it runs in the Mule Java Virtual Machine, thereby giving script writers access to EDEX plugins and various other bits of EDEX functionality. Local application programmers can write Python scripts that use these EDEX functions and then direct the scripts into the uEngine from the command line. This powerful feature gives programmers access to any piece of data in the AWIPS II database without having to know Java.

Thanks
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